

**Remarks**

Favorable consideration of the application is respectfully requested.

Claims 2-5, 7-12, 13-15, 17-20, 30-33 are currently active in this case and Claims 31-32 have been amended and Claim 28 has been cancelled by way of the present amendment. Each claim is supported by the specification and claims as originally submitted and no new matter has been added.

In the outstanding Office Action, Claims 2-5, 7-15, 17, 20 and 30-33 were rejected under 35 U.S.C. 112, first paragraph and Claims 2-5, 7-15, 32 and 33 were rejected under 35 U.S.C. 112, second paragraph.

Applicants have amended the specification to clarify the BPF utilized as an example rejection filter. The amendments are consistent with other descriptions in the specification and claims as originally submitted (e.g., page 13, lines 5-7, describing a BPF that rejects out of band signals, Fig. 3, and multiple examples of Applicant's specification that recite sampling at  $>2^* BW$ ).

Applicants have amended Claims 31 and 32 to clarify the terminology as to BPFs and rejection filters utilized in each of those claims. Applicants respectfully submit that the clarified claim language is adequately described in Applicants specification. Accordingly, Applicants respectfully request that the rejection under 35 USC 112, first paragraph, be withdrawn.

If the Examiner disagrees with any of the foregoing, the Examiner is respectfully requested to call the undersigned who will be more than happy to work with the Examiner in a joint effort to determine mutually satisfactory claim language.

Consequently, no further issues are believed to be outstanding, and it is respectfully submitted that this case is in condition for allowance. An early and favorable action is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR §1.16 or § 1.17 to **Account No. 50-2603, referencing Attorney Docket No. 353600.01901**.

Respectfully submitted,  
Reed Smith LLP

Dated: 7 Sept 2006

By: 

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